

PROJECT TITLE : PROJECT LEAR, CIGARETTE PROTOTYPES

PERIOD COVERED : JULY 23 1981 - FEBRUARY 19 1982

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During the period of the report, three cigarettes were made : one trial and two control cigarettes, bringing the total of LEAR prototypes to 24.

1. TRIAL CIGARETTE

1.1. LEAR 5-17-3

This cigarette was produced with 100% extracted and fermented Burley. It was not necessary to re-apply the fermented extract on the tobacco because the extract was recirculated in a closed-loop system (1).

2. CONTROL CIGARETTES

2.1. LEAR 0-17-8

Like cigarette 0-17-3, this prototype was made of 100% untreated Burley. This time the tobacco was cut on a KTF production machine in the FTR primary.

The first time the tobacco was cut on a lab-cutter which led to loose ends in the cigarettes.

2.2. LEAR 6-17-3

This cigarette was the control cigarette for LEAR 5-17-3. It was produced with 100% extracted Burley. The unfermented extract was recirculated in a closed-loop system (1).

3. ANALYSES

The analyses of cigarette 5-17-3 have been received. For cigarettes 0-17-8 and 6-17-3, the analyses are under way.

4. REFERENCES

1. Borgognon-D, Notebook 81.06.81, p 2 and 7

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